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Assistant Commissioner for Patents,  
Washington, D.C. 20231

on June 29, 2000

TOWNSEND and TOWNSEND and CREW LLP

By D. Schaller

PATENT

Attorney Docket No.: 20618-000100US

Client Ref. No. N8-79

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hageman et al.

Application No.: 09/183,972

Filed: October 29, 1998

For: **Therapeutics and Diagnostics for  
Ocular Abnormalities**

Examiner: S. Turner

Art Unit: 1644

**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER  
37 CFR § 1.36**

**RECEIVED**

*JUL 10 2000*

*OFFICE OF PETITIONS  
DEPUTY A/G PATENTS*

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR § 1.36, the University of Iowa Research Foundation revokes all previous powers of attorney and hereby appoints the following to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**Randolph T. Apple, Reg. No. 36,429  
Karen B. Dow, Reg. No. 29,684  
Jeffrey A. McKinney, Reg. No. 43,795  
Rosemarie L. Celli, Reg. No. 42,397  
Andrew T. Serafini, Reg. No. 41,303  
Joe Liebeschuetz, Reg. No. 37,505  
William M. Smith, Reg. No. 30,223**

Please direct all future correspondence regarding the subject application to:

Karen B. Dow  
Reg. No. 29,684  
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, CA 94111-3834  
Tel 650-326-2400  
Fax 650-326-2422

Assignee:

University of Iowa Research Foundation

Date: 6/7/08

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**W. Bruce Wheaton, Ph.D.**

Title: Executive Director and Secretary

PA 3072283 v1

בְּרִית מָנָה

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1000 *Geol. Soc. Amer.*



Attorney Docket No. 20618-000100US

Client Ref. No. N8-79

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Applicant: Hageman et al.

Application No.: 09/183,972

Filed: October 29, 1998

For: Therapeutics and Diagnostics for Ocular Abnormalities

The University of Iowa Research Foundation, a non-profit organization

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is assignee of the patent application identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9739, Frame(s) 0040, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: W. Bruce Wheaton 6/27/00

Name: W. Bruce Wheaton, Ph.D.

Title: Executive Director and Secretary

Signature: W. Bruce Wheaton

DA-1644

TOWNSEND and TOWNSEND and CREW LLP  
 1000 Embarcadero Center, 8<sup>th</sup> Floor  
 San Francisco, California 94111-3834  
 (650) 326-2400

Attorney Docket No. 20618-000100US  
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Signed: Diana M. Schaller  
 Diana M. Schaller

In re application of: Gregory S. Hageman et al.

Application No.: 09/183,972

Filed: October 29, 1998

Group Art Unit: 1644

For: THERAPEUTICS AND DIAGNOSTICS FOR OCULAR  
 ABNORMALITIES

ASSISTANT COMMISSIONER FOR PATENTS  
 Washington, D.C. 20231

Sir:

Transmitted herewith is a Revocation and Substitution of Power of Attorney Under 37 CFR §1.36 in the above-identified application.

Certificate Under 37 CFR 3.73(b)  
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If any extension of time is needed, then this response should be considered a petition therefor.

The Commissioner is hereby authorized to charge Deposit Account No. 20-1430 for any additional fees associated  
 with this paper or during the pendency of this application.

TOWNSEND and TOWNSEND and CREW LLP

Karen Babyak Dow  
 Karen B. Dow, Reg. No.: 29,684  
 Attorneys for Applicant

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